



Illustrative Household and Persons per Household Projections Using the Growth Management Act Population Projections: 2005 and 2010

Illustrative projections of households for Washington counties were derived from the Intermediate Series of the *Washington State County Population Projections for Growth Management* completed by Office of Financial Management (OFM) in January 2002 and published March 2002. Methodological details regarding the population projections can be found in the publication or on the OFM web site.

Household projections were calculated by simply multiplying a county's age-group populations by age-specific household headship rates for the various years shown in the data table.

Two sets of household projections were prepared. One set (Alternative 1) used headship rates derived from 2000 census data and held constant for succeeding years.

The other set (Alternative 2) resulted from trending headship rates for populations under age 35 while holding other rates constant. The reason for trending was that study of county headship rates for 1980, 1990 and 2000 showed many counties with definite rate progressions, especially for ages under 35, and it was felt that users might wish to see the effect of continuation of those trends.

The trend base was 1990-2000 rate differences for five-year age groups. These differences were cut in half to represent half-decade change and were then reduced by 0.75 per each future five-year time interval. This ratio was used to dampen the trend and avoid unrealistic results from changes compounded over too many intervals. The 0.75 ratio dampens such that the 1990-2000 rate change will ultimately be no more than doubled over the long run; that is, a 1990-2000 decrease of 2 percent would result in a 2000-2050 or 2000-2075 change of less than 4 percent.

Table 1 shows the illustrative household projections. Table 2 contains household sizes that might be expected given the projected GMA populations, the household projections, and group quarters (non-household) populations remaining constant for persons under age 65 and maintaining a fixed share of future over-65 populations.

Table 1. Total households forecast based on 2002 Intermediate Series GMA county projections.

County	Census 2000	Alternative 1 Constant Headship Rates		Alternative 2 Trended Rates <Age 35	
		2005	2010	2005	2010
Washington	2,271,398	2,442,435	2,642,598	2,438,418	2,634,875
Adams	5,229	5,584	5,943	5,531	5,844
Asotin	8,364	8,829	9,357	8,815	9,324
Benton	52,866	57,262	61,828	56,975	61,220
Chelan	25,021	26,908	28,979	26,696	28,536
Clallam	27,164	27,843	29,234	27,774	29,092
Clark	127,208	146,648	165,027	146,709	165,133
Columbia	1,687	1,688	1,754	1,698	1,770
Cowlitz	35,850	38,540	42,392	38,448	42,196
Douglas	11,726	13,207	14,512	13,099	14,301
Ferry	2,823	3,211	3,536	3,204	3,522
Franklin	14,840	15,929	17,055	15,695	16,632
Garfield	987	1,033	1,092	1,036	1,096
Grant	25,204	28,066	30,368	27,769	29,795
Grays Harbor	26,808	26,834	27,962	26,629	27,564
Island	27,784	29,929	33,097	30,090	33,386
Jefferson	11,645	12,935	14,439	12,919	14,397
King	710,916	740,296	779,257	740,225	779,059
Kitsap	86,416	90,998	101,488	90,686	100,864
Kittitas	13,382	13,908	14,983	13,940	15,038
Klickitat	7,473	8,108	8,786	8,129	8,820
Lewis	26,306	28,215	30,116	28,093	29,877
Lincoln	4,151	4,202	4,370	4,201	4,371
Mason	18,912	21,186	23,601	21,088	23,422
Okanogan	15,027	16,299	17,753	16,227	17,635
Pacific	9,096	9,373	9,692	9,336	9,631
Pend Oreille	4,639	5,190	5,766	5,160	5,704
Pierce	260,800	282,282	306,489	281,763	305,658
San Juan	6,466	7,330	8,439	7,356	8,491
Skagit	38,852	43,153	47,707	43,015	47,410
Skamania	3,755	4,109	4,431	4,096	4,413
Snohomish	224,852	253,255	283,287	252,613	282,174
Spokane	163,611	175,065	187,210	174,734	186,587
Stevens	15,017	16,435	18,844	16,380	18,722
Thurston	81,625	94,744	107,122	94,692	107,025
Wahkiakum	1,553	1,624	1,757	1,623	1,750
Walla Walla	19,647	20,485	21,491	20,283	21,109
Whatcom	64,446	70,628	77,833	70,758	78,080
Whitman	15,257	15,227	15,507	15,466	15,919
Yakima	73,993	75,877	80,094	75,467	79,308

GMA: Growth Management Act.

Table 2. Illustrative household size forecasts based on GMA Intermediate Series population projections.

County	Census	Constant headship rates		Trended Headship Rates	
	2000	2005	2010	2005	2010
Washington	2.535	2.495	2.461	2.499	2.468
Adams	3.095	3.082	3.071	3.112	3.123
Asotin	2.416	2.391	2.372	2.395	2.381
Benton	2.679	2.631	2.593	2.645	2.619
Chelan	2.619	2.604	2.584	2.625	2.624
Clallam	2.294	2.265	2.252	2.271	2.263
Clark	2.690	2.646	2.599	2.645	2.597
Columbia	2.363	2.273	2.234	2.259	2.214
Cowlitz	2.553	2.525	2.508	2.531	2.520
Douglas	2.755	2.722	2.678	2.744	2.717
Ferry	2.494	2.391	2.306	2.396	2.315
Franklin	3.264	3.247	3.252	3.296	3.335
Garfield	2.391	2.322	2.265	2.316	2.256
Grant	2.920	2.896	2.871	2.927	2.926
Grays Harbor	2.483	2.454	2.439	2.473	2.475
Island	2.522	2.447	2.389	2.433	2.369
Jefferson	2.242	2.172	2.123	2.175	2.129
King	2.390	2.362	2.338	2.363	2.339
Kitsap	2.601	2.517	2.465	2.526	2.481
Kittitas	2.331	2.311	2.306	2.306	2.298
Klickitat	2.536	2.481	2.435	2.475	2.426
Lewis	2.569	2.550	2.537	2.561	2.557
Lincoln	2.423	2.371	2.345	2.372	2.345
Mason	2.489	2.426	2.379	2.437	2.397
Okanogan	2.576	2.489	2.429	2.500	2.445
Pacific	2.271	2.199	2.157	2.208	2.170
Pend Oreille	2.507	2.422	2.350	2.436	2.376
Pierce	2.605	2.547	2.500	2.552	2.506
San Juan	2.159	2.092	2.030	2.085	2.018
Skagit	2.603	2.577	2.553	2.586	2.569
Skamania	2.612	2.535	2.481	2.543	2.491
Snohomish	2.655	2.595	2.537	2.602	2.547
Spokane	2.465	2.435	2.411	2.440	2.419
Stevens	2.644	2.537	2.446	2.546	2.462
Thurston	2.499	2.433	2.379	2.434	2.381
Wahkiakum	2.424	2.366	2.332	2.367	2.342
Walla Walla	2.539	2.548	2.547	2.574	2.594
Whatcom	2.511	2.484	2.445	2.479	2.437
Whitman	2.312	2.297	2.301	2.262	2.241
Yakima	2.958	2.924	2.917	2.940	2.946

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